

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
19 February 2004 (19.02.2004)

PCT

(10) International Publication Number  
**WO 2004/015389 A2**

(51) International Patent Classification<sup>7</sup>: **G01N**  
(21) International Application Number:  
PCT/US2003/024650  
(22) International Filing Date: 6 August 2003 (06.08.2003)  
(25) Filing Language: English  
(26) Publication Language: English  
(30) Priority Data:  
60/402,288 9 August 2002 (09.08.2002) US  
(71) Applicant (for all designated States except US): **RIGEL  
PHARMACEUTICALS, INC.** [US/US]; 1180 Veterans  
Boulevard, South San Francisco, CA 94080 (US).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventor; and  
(75) Inventor/Applicant (for US only): **ROSSI, Alexander, B.** [US/US]; 2177 48th Avenue, San Francisco, CA 94116 (US).  
(74) Agents: **PEASE, Ann et al.**; Dorsey & Whitney LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111 (US).

**Published:**

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS OF IDENTIFYING COMPOUNDS THAT MODULATE IGG-MEDIATED MAST CELL ACTIVATION

(57) **Abstract:** The present invention relates to methods for identifying compounds capable of modulating Fcγ receptor signaling pathway in mast and/or basophil cells. The invention further relates to methods for identifying compounds for use as therapeutic agents in the treatment of disorders related to activation of Fcγ receptor signaling cascade.

WO 2004/015389 A2